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## 1. COMPANY DETAILS

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<b>Company Name</b>	Natrasol Sea Products Pty Ltd
<b>Address</b>	131A Greenpoint Road Marrawah 7330 Tasmania
<b>Phone</b>	0418244891
<b>Email</b>	info.natrasol.com.au
<b>Web site</b>	<a href="http://www.natrasol.com.au">www.natrasol.com.au</a>
<b>After hours</b>	0418244891
<b>Recommended Use</b>	Soil conditioner and plant revitaliser
<b>Other Names</b>	Premium Grade Tasmanian bull kelp ( <i>Durvillaea potatorum</i> )

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## 2. HAZARD IDENTIFICATION

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### Classification:

Not Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC)

Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Risk Phrase(s)** Not classified according to criteria of NOHSC

**Safety Phase(s)** Wear suitable protective eye, skin, and body protection

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## 3. COMPOSITION / INGREDIENTS

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<b>Appearance:</b>	Dark black/olive >2<5 mm chips
<b>Odour</b>	Seaweed odour
<b>pH Value</b>	Not available
<b>Solubility</b>	Partially soluble in water
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Flash Point</b>	Not flammable

Durvillaea potatorum (Seaweed) that has been dried, milled and determined not to be hazardous

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## 4. FIRST AID MEASURES

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<b>Ingestion</b>	Not toxic
<b>Eyes</b>	Non-irritating to ocular tissue. Hold eyelids apart and irrigate with water until all contaminants are removed. If symptoms develop or persist seek medical advice
<b>Skin</b>	Wash with soap and water. If any symptoms develop seek medical advice.
<b>Inhalation</b>	If inhaled may cause irritation to respiratory system, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and persist seek medical advice
<b>First Aid Facilities</b>	Eyewash and normal washroom facilities
<b>Advise to Doctor</b>	Treat symptomatically

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## 5. FIRE FIGHTING MEASURES

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### Suitable Extinguishing Media

Carbon dioxide, dry chemical or foam

### Hazard from Combustion Products

This product will burn if exposed to fire and may emit toxic and or irritating fumes, smoke and gases including carbon dioxide, carbon monoxide and oxides of nitrogen.

### Precautions in connection with Fire

Fire fighters should wear Self – Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down and extinguish the fire

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## 6. ACCIDENTAL SPILLAGE OR RELEASE

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### Emergency Procedures

Wear appropriate personal protective clothing to minimise exposure and remove all sources of ignition and evacuate all unprotected personnel.

Collect all material by sweeping or vacuum methods and place into a suitable container.

Dispose of waste according to applicable local regulations. If contamination of sewers or waterways occurs inform local management authorities in accordance with local regulations

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## 7. STORAGE AND HANDLING

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### Safe Handling

Keep containers sealed when not in use and remove dust from the work area on a regular basis

### Safe Storage

Store in a cool, dry, and well-ventilated area out of direct sunlight and exposure to high humidity or moisture and oxidising materials that support combustion.

### Chemical Stability

Stable under normal conditions of storage and handling

### Conditions to Avoid

Exposure to excessive humidity or moisture levels.

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## 8. EXPOSURE AND PERSONAL PROTECTION

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### Exposure Standards

No exposure standards have been assigned for this product or any of the components however, the standards for dust exposure not otherwise specified is 10 mg/m<sup>3</sup>

### Engineering Controls

Maintain adequate ventilation always. In most circumstances, natural ventilation systems are adequate.

### Personal Protection Equipment

**Gloves:** Wear gloves of impervious material according to individual circumstances or risk assessment undertaken

**Eyes:** Safety glasses with side shields that conform to the relevant regulations.

**Respiratory Protection** If engineering controls are not effective in controlling the concentration of airborne particles below the exposure standards then suitable respiratory protection must be worn.

**Body Protection** Suitable protective workwear is recommended. e.g. full cover cotton overalls

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## 9. STABILITY AND REACTIVITY

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### **Chemical Stability:**

Stable under normal conditions of storage and handling. Very stable under normal temperatures and light conditions when kept dry

### **Conditions to Avoid:**

Ignition sources and mixing with incompatibles

### **Incompatible Materials:**

Strong oxidizing agents.

### **Hazardous Decomposition Products:**

Thermal decomposition may result in the release of noxious smoke, irritating fumes and gases including carbon dioxide and carbon monoxide.

### **Hazardous Polymerization:**

Not available

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## 10. TOXICOLOGICAL INFORMATION

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No adverse health effects are expected, if the product is handled in accordance with the Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

### **Acute Health Effects:**

**Swallowed:** Swallowing large quantities may cause irritation, leading to pains in the stomach, nausea, vomiting.

**Eyes:** Dust may cause abrasive irritation to the eyes.

**Skin:** May cause mild irritation to sensitive skin.

**Inhalation:** Dust may irritate the gastric tract causing nausea and vomiting.

### **Chronic:**

Prolonged inhalation of any dust may aggravate pre-existing upper respiratory and lung disorders.

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## 11. ECOLOGICAL INFORMATION

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There is no ecological information available for this product.

### **Persistence and degradability:**

Not available

### **Mobility:**

Not available

### **Bioaccumulative Potential:**

Not available

### **Other Adverse Effects:**

Not available

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## 12. TRANSPORT INFORMATION

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Not classified as Dangerous Goods according to the Australian Code for the transport of Dangerous Goods by Road and rail.

Not classified as Dangerous Goods by the criteria of the international Air Transport Association (IATA) regulations.

Not classified as Dangerous Goods by the criteria of the Marine Dangerous Goods Code (IMDG Code) for sea transport.

**U.N. Number**

Not Allocated

**Date of preparation or last revision:**

May 2020

**Principal References:**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice

Australian Code for the Transportation of Dangerous Goods by Road & Rail.

Information supplied by manufacturer, reference sources including the public domain.

While due care has been taken to include accurate and up to date information in this MSDS, Natrasol Sea Products Pty Ltd does not provide any warranty as to accuracy or completeness of the information and accepts no liability for any consequences of the reliance on information contained in this MSDS, other than those implied mandatorily by Federal, State or Territory Legislation.

**END MSDS**